

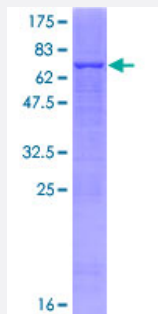
Full-Length

PRMT8 (Human) Recombinant Protein (P01)

Catalog # H00056341-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRMT8 full-length ORF (NP_062828.3, 1 a.a. - 394 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGMKHSSRCLLLRRKMAENAAESTEVSPPSQPPQPVVPAKPVQC VHHVSTQPSCPGRGKMS
KLLNPEEMTSRDYYFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVVLVDVGSGTGILSM
FAAKAGAKKVFGIECSSISDYSEKIIKANHLDNITIFKGKVEEVELPVEKVDIISEWMGYCLFYESML
NTVIFARDKWLKPGGLMFPDRAALYVVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDI
VDPKQVVTNACLIKEVDIYTVKTEELSFTSAFCLQIRNDYVHALVTYFNIEFTKCHKKMGFSTAPD
APYTHWKQTVFYLEDYLTVRRGEEIYGTISMKPNNAKNVRDLDFTVDLDFKGQLCETSVSNDYKMR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.7

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PRMT8

Entrez GeneID[56341](#)**GeneBank Accession#**[NM_019854.3](#)**Protein Accession#**[NP_062828.3](#)**Gene Name**

PRMT8

Gene Alias

HRMT1L3, HRMT1L4

Gene Description

protein arginine methyltransferase 8

Omim ID[610086](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Arginine methylation is a widespread posttranslational modification mediated by arginine methyltransferases, such as PRMT8. Arginine methylation is involved in a number of cellular processes, including DNA repair, RNA transcription, signal transduction, protein compartmentalization, and possibly protein translation (Lee et al., 2005 [PubMed 16051612]).[supplied by OMIM]

Other Designations

HMT1 hnRNP methyltransferase-like 3|HMT1 hnRNP methyltransferase-like 4|protein arginine N-methyltransferase 4|protein arginine N-methyltransferase 8

Disease

- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)